

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002546

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B32B27/32, B65D30/02, 65/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B32B27/32, B65D30/02, 65/40

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-225979 A (Toyobo Co., Ltd.), 12 August, 2003 (12.08.03), (Family: none)	1-8
A	JP 2002-154188 A (Dai Nippon Ink Kabushiki Kaisha, Yamazaki Baking Co., Ltd.), 28 May, 2002 (28.05.02), (Family: none)	1-8
P, A	JP 2004-345136 A (Toyobo Co., Ltd.), 09 December, 2004 (09.12.04), (Family: none)	1-8
P, A	JP 2004-351749 A (Tohcello Co., Ltd.), 16 December, 2004 (16.12.04), (Family: none)	1-8

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

-A- document defining the general state of the art which is not considered to be of particular relevance

-E- earlier application or patent but published on or after the international filing date

-L- document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

-O- document referring to an oral disclosure, use, exhibition or other means

-P- document published prior to the international filing date but later than the priority date claimed

-T- later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

-X- document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

-Y- document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

-&- document member of the same patent family

Date of the actual completion of the international search
13 May, 2005 (13.05.05)Date of mailing of the international search report
07 June, 2005 (07.06.05)Name and mailing address of the ISA/
Japanese Patent Office

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Claims 1-8 involve all layered polypropylene resin films having such desired properties that the product of tensile moduli (GPa) is 3.1 to 6.0 (GPa)² and the sealing energy is 11 N·cm/15 mm or higher. However, those which are disclosed in the meaning of Article 5 of the PCT are limited to films in which a composition comprising a propylene homopolymer and a specific propylene/ethylene/butene copolymer is employed as the interlayer and a composition comprising a specific propylene/ethylene/butene copolymer and a propylene/butene copolymer is employed as the fusion-bondable layer. It cannot be expected that use of other compositions results in films which satisfy the product of tensile moduli and the sealing energy specified in claims 1-8. Consequently, claims 1-8 lack a support in the meaning of Article 6 of the PCT.

Therefore, an international search was made only for that case in the scope of claim 1 in which a composition comprising a propylene homopolymer and a specific propylene/ethylene/butene copolymer is employed as the interlayer and a composition comprising a specific propylene/ethylene/butene copolymer and a propylene/butene copolymer is employed as the fusion-bondable layer.